



**BOSCH**

**Professional** HEAVY DUTY

**GPH 18V-60**

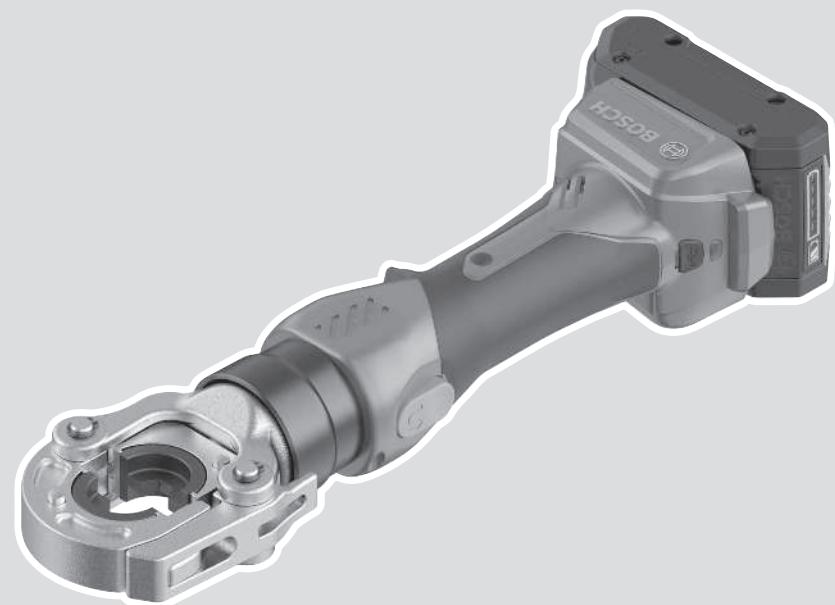
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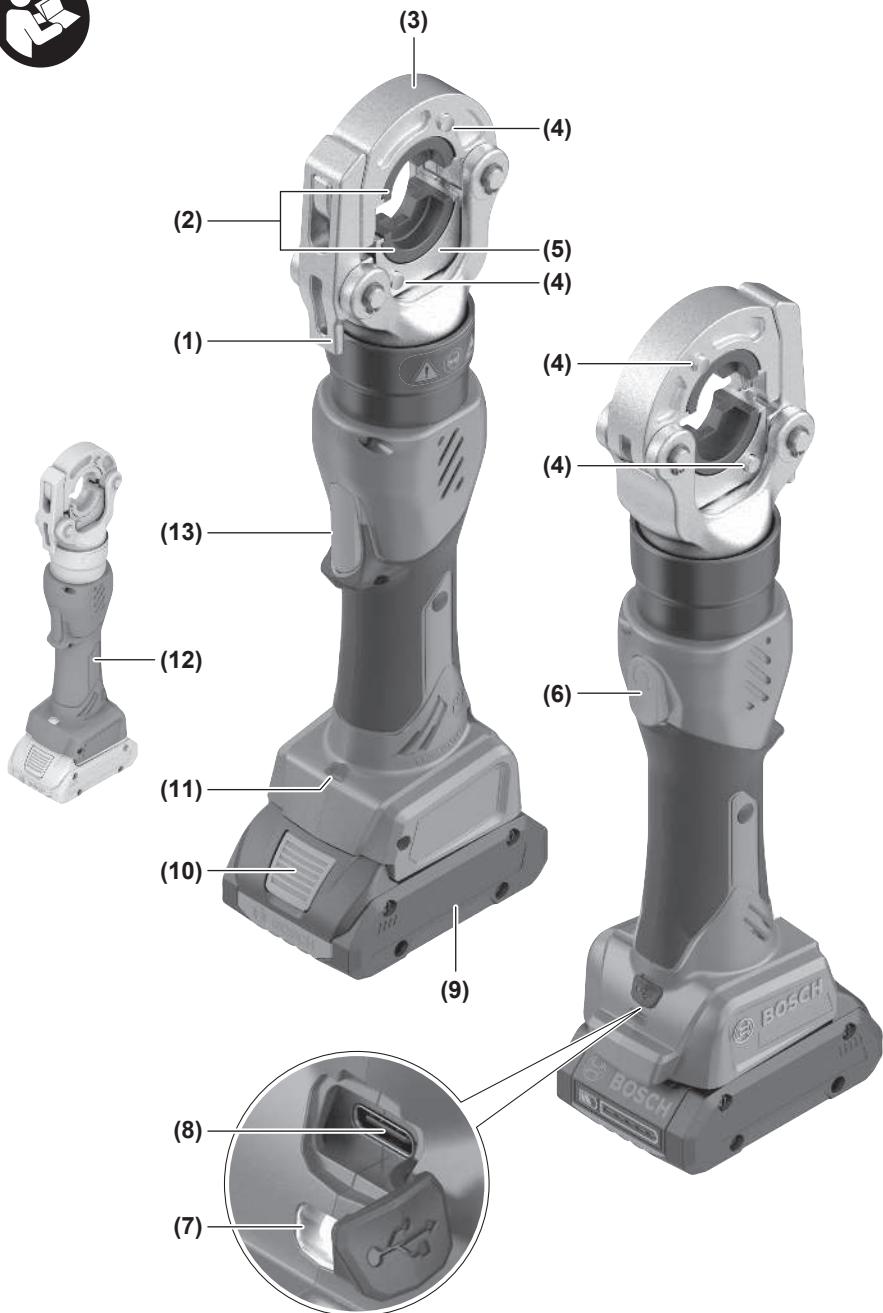


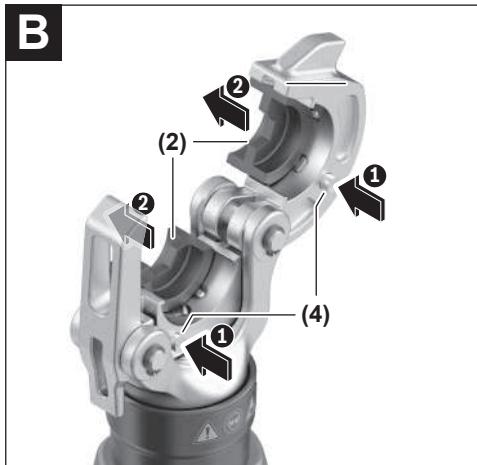
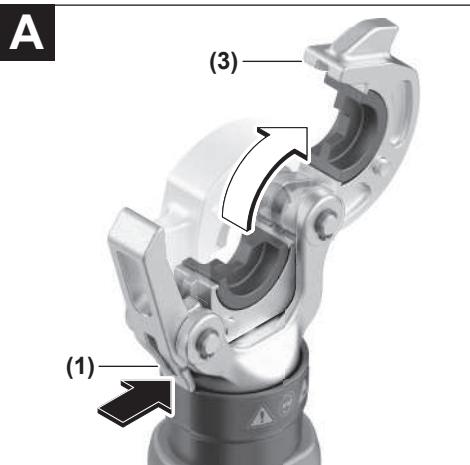
**en** Original instructions



CE

UK  
CA





# English

## Safety Instructions

### General Power Tool Safety Warnings

**⚠ WARNING** **Read all safety warnings, instructions, illustrations and specifications provided with this power tool.** Failure to follow all instructions listed below may result in electric shock, fire and/or serious injury.

#### Save all warnings and instructions for future reference.

The term "power tool" in the warnings refers to your mains-operated (corded) power tool or battery-operated (cordless) power tool.

#### Work area safety

- ▶ **Keep work area clean and well lit.** Cluttered or dark areas invite accidents.
- ▶ **Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases or dust.** Power tools create sparks which may ignite the dust or fumes.
- ▶ **Keep children and bystanders away while operating a power tool.** Distractions can cause you to lose control.

#### Electrical safety

- ▶ **Do not expose power tools to rain or wet conditions.** Water entering a power tool will increase the risk of electric shock.

#### Personal safety

- ▶ **Stay alert, watch what you are doing and use common sense when operating a power tool. Do not use a power tool while you are tired or under the influence of drugs, alcohol or medication.** A moment of inattention while operating power tools may result in serious personal injury.
- ▶ **Use personal protective equipment. Always wear eye protection.** Protective equipment such as a dust mask, non-skid safety shoes, hard hat or hearing protection used for appropriate conditions will reduce personal injuries.
- ▶ **Prevent unintentional starting.** Ensure the switch is in the off-position before connecting to power source and/or battery pack, picking up or carrying the tool. Carrying power tools with your finger on the switch or energising power tools that have the switch on invites accidents.
- ▶ **Remove any adjusting key or wrench before turning the power tool on.** A wrench or a key left attached to a rotating part of the power tool may result in personal injury.
- ▶ **Do not overreach.** Keep proper footing and balance at all times. This enables better control of the power tool in unexpected situations.

- ▶ **Dress properly. Do not wear loose clothing or jewellery. Keep your hair and clothing away from moving parts.** Loose clothes, jewellery or long hair can be caught in moving parts.
- ▶ **If devices are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly used.** Use of dust collection can reduce dust-related hazards.
- ▶ **Do not let familiarity gained from frequent use of tools allow you to become complacent and ignore tool safety principles.** A careless action can cause severe injury within a fraction of a second.

#### Power tool use and care

- ▶ **Do not force the power tool. Use the correct power tool for your application.** The correct power tool will do the job better and safer at the rate for which it was designed.
- ▶ **Do not use the power tool if the switch does not turn it on and off.** Any power tool that cannot be controlled with the switch is dangerous and must be repaired.
- ▶ **Disconnect the plug from the power source and/or remove the battery pack, if detachable, from the power tool before making any adjustments, changing accessories, or storing power tools.** Such preventive safety measures reduce the risk of starting the power tool accidentally.
- ▶ **Store idle power tools out of the reach of children and do not allow persons unfamiliar with the power tool or these instructions to operate the power tool.** Power tools are dangerous in the hands of untrained users.
- ▶ **Maintain power tools and accessories.** Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tool's operation. If damaged, have the power tool repaired before use. Many accidents are caused by poorly maintained power tools.
- ▶ **Keep cutting tools sharp and clean.** Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.
- ▶ **Use the power tool, accessories and tool bits etc. in accordance with these instructions, taking into account the working conditions and the work to be performed.** Use of the power tool for operations different from those intended could result in a hazardous situation.
- ▶ **Keep handles and grasping surfaces dry, clean and free from oil and grease.** Slippery handles and grasping surfaces do not allow for safe handling and control of the tool in unexpected situations.

#### Battery tool use and care

- ▶ **Recharge only with the charger specified by the manufacturer.** A charger that is suitable for one type of battery pack may create a risk of fire when used with another battery pack.

- ▶ **Use power tools only with specifically designated battery packs.** Use of any other battery packs may create a risk of injury and fire.
- ▶ **When battery pack is not in use, keep it away from other metal objects, like paper clips, coins, keys, nails, screws or other small metal objects, that can make a connection from one terminal to another.** Shorting the battery terminals together may cause burns or a fire.
- ▶ **Under abusive conditions, liquid may be ejected from the battery; avoid contact.** If contact accidentally occurs, flush with water. If liquid contacts eyes, additionally seek medical help. Liquid ejected from the battery may cause irritation or burns.
- ▶ **Do not use a battery pack or tool that is damaged or modified.** Damaged or modified batteries may exhibit unpredictable behaviour resulting in fire, explosion or risk of injury.
- ▶ **Do not expose a battery pack or tool to fire or excessive temperature.** Exposure to fire or temperature above 130°C may cause explosion.
- ▶ **Follow all charging instructions and do not charge the battery pack or tool outside the temperature range specified in the instructions.** Charging improperly or at temperatures outside the specified range may damage the battery and increase the risk of fire.

## Service

- ▶ **Have your power tool serviced by a qualified repair person using only identical replacement parts.** This will ensure that the safety of the power tool is maintained.
- ▶ **Never service damaged battery packs.** Service of battery packs should only be performed by the manufacturer or authorized service providers.

## Safety Instructions for Hydraulic Cordless Pressing Tools

### WARNING!



**Wear safety goggles.**



**Never reach into the work area of the tool head, unless a safe operational stop is ensured.** You can only ensure that the power tool is at a safe operational stop if the press head is fully open and the battery has been removed.



**Never operate the power tool without the press insert in place.** Otherwise, the power tool may become damaged.



**Ensure that the release lever of the press head is closed before starting work.** Otherwise, the power tool may become damaged.

- ▶ **The power tool must only be operated by trained professionals who are aged 16 or over.** This will reduce the danger to persons.
- ▶ **The power tool must only be operated by one person.** Direct other persons out of the hazardous zone of the power tool. This will reduce the danger to persons.
- ▶ **Only operate the power tool if the tool head is visible and you can ensure that no limbs are in the danger zone.** This will allow you to avoid injury.
- ▶ **Stop the power tool by releasing the on/off button if there is danger to persons or the machine while you are working.**
- ▶ **In emergencies and before starting work with the power tool, you can move the power tool into the starting position by using the mechanical return. Before setting the power tool down or after finishing work, shut down the pressing tool and depressurise it.** Press the reset button to depressurise the power tool.
- ▶ **Only operate the power tool by hand. The on/off button and the reset button must be within reach so that they can be pressed in an emergency.**
- ▶ **It is prohibited to use the power tool in a fixed position. It must be neither placed on the ground nor clamped in a clamping device for use.**
- ▶ **Before starting work, ensure that there are no live parts in the work area. If there are live parts in the vicinity, take appropriate protective measures.** The power tool is not suitable for working on live parts.
- ▶ **Do not operate the power tool in an explosive environment.**
- ▶ **Do not open the power tool.** Safe operation is then no longer guaranteed and the warranty claim becomes void.
- ▶ **In order to prevent the power tool from overheating, do not use the power tool in continuous operation for more than 15 minutes.** The power tool is not designed for continuous operation.
- ▶ **If you are working in an elevated position, secure the power tool sufficiently using a fall protection system and ensure that there are no persons below the work area. Wear protective headgear when carrying out overhead work.** This will enable you to avoid material damage and personal injury if you inadvertently drop the power tool.
- ▶ **In the event of oil loss, the power tool must be sent back to the manufacturer.**
- ▶ **Avoid contact with leaking hydraulic fluid.** Clean your skin thoroughly with soap and water in the event of any contact. Rinse your eyes immediately with plenty of water for at least 10 minutes in the event of any contact. Contact with hydraulic fluid can cause irritation and allergic reactions.

- **Only remove the battery once the power tool has been shut down safely.**
- **In case of damage and improper use of the battery, vapours may be emitted. The battery can set alight or explode.** Ensure the area is well ventilated and seek medical attention should you experience any adverse effects. The vapours may irritate the respiratory system.
- **Do not modify or open the battery.** There is a risk of short-circuiting.
- **The battery can be damaged by pointed objects such as nails or screwdrivers or by force applied externally.** An internal short circuit may occur, causing the battery to burn, smoke, explode or overheat.
- **Only use the battery in the manufacturer's products.** This is the only way in which you can protect the battery against dangerous overload.



**Protect the battery against heat, e.g. against continuous intense sunlight, fire, dirt, water and moisture.** There is a risk of explosion and short-circuiting.



### WARNING



**Ensure that the coin cell is kept out of the reach of children.** Coin cells are dangerous.

- **Coin cells must never be swallowed or inserted into any other part of the body. If you suspect that someone has swallowed a coin cell or that a coin cell has entered the body in another way, seek medical attention immediately.** Swallowing coin cells can result in severe internal burns and death within 2 hours.

## Product Description and Specifications



### Read all the safety and general instructions.

Failure to observe the safety and general instructions may result in electric shock, fire and/or serious injury.

Please observe the illustrations at the beginning of this operating manual.

### Intended Use

The power tool is intended for pressing connection material onto copper or aluminium cables.

### Product Features

The numbering of the product features refers to the diagram of the power tool on the graphics page.

- (1) Press head release lever
- (2) Press insert
- (3) Press head
- (4) Press insert release button

- (5) Piston rod
- (6) Reset button
- (7) Status indicator
- (8) USB port
- (9) Rechargeable battery<sup>a)</sup>
- (10) Battery release button<sup>a)</sup>
- (11) Worklight
- (12) Handle (insulated gripping surface)
- (13) On/off button

a) This accessory is not part of the standard scope of delivery.

### Technical Data

| Hydraulic cordless pressing tool                              | GPH 18V-60  |            |
|---|---|------------|
| Article number  | 3 601 JP0 1..   |            |
| Rated voltage   | V...  | 18         |
| Max. pressing force   | kN  | 60         |
| Max. pressing cross-section                                   | mm <sup>2</sup>   | 300        |
| Press head turning range                                      | °   | 340        |
| USB standard for power tool                                   | USB 2.0   |            |
| USB cable for data transfer (commercially available)          | USB Type-C <sup>(A)</sup>   |            |
| Weight <sup>(B)</sup>   | kg  | 3.0        |
| Recommended ambient temperature during charging               | °C  | 0 to +35   |
| Permitted ambient temperature during operation <sup>(C)</sup> | °C  | -10 to +50 |
| Permitted ambient temperature during storage                  | °C  | -20 to +50 |
| Compatible rechargeable batteries                             | GBA18V...<br>GBA 18V...<br>ProCORE18V...<br>EXPERT18V...<br>EXBA18V...<br>CORE18V...          |            |
| Recommended battery chargers                                  | GAL18...<br>GAL 18...<br>GAL 36...<br>GAL12V/18...<br>GAL 12V/18...<br>GAX 18...<br>EXAL18... |            |

A) USB Type-C® and USB-C® are trademarks of USB Implementers Forum.

B) Without rechargeable battery (you can find the battery weight at [www.bosch-professional.com](http://www.bosch-professional.com).)

C) Limited performance at temperatures < 0 °C

Values can vary depending on the product, scope of application and environmental conditions. To find out more, visit [www.bosch-professional.com/wac](http://www.bosch-professional.com/wac).

### Noise/Vibration Information

Noise emission values determined according to  
**EN 62841-1.**

Typically the A-weighted sound pressure level of the product is less than 70 dB(A). The noise level when working can exceed the declared values.

### Wear hearing protection!

Vibration values  $a_h$  (continuous vibrations),  $p_F$  (repeated shock vibrations) and uncertainty  $K$  determined according to **EN 62841-1**.

$$a_h = 0.5 \text{ m/s}^2 \text{ (K = 0.5 m/s}^2\text{)}, p_F = 46 \text{ m/s}^2 \text{ (K = 4 m/s}^2\text{)}$$

The vibration level and noise emission value given in these instructions have been measured in accordance with a standardised measuring procedure and may be used to compare power tools. They may also be used for a preliminary estimation of vibration and noise emissions.

The stated vibration level and noise emission value represent the main applications of the power tool. However, if the power tool is used for other applications, with different accessories or is poorly maintained, the vibration level and noise emission value may differ. This may significantly increase the vibration and noise emissions over the total working period.

To estimate vibration and noise emissions accurately, the times when the tool is switched off or when it is running but not actually being used should also be taken into account. This may significantly reduce vibration and noise emissions over the total working period.

Implement additional safety measures to protect the operator from the effects of vibration, such as servicing the power tool and accessories, keeping their hands warm, and organising workflows correctly.

## Rechargeable battery

**Bosch** sells some cordless power tools without a rechargeable battery. You can tell whether a rechargeable battery is included with the power tool by looking at the packaging.

### Charging the battery

► **Use only the chargers listed in the technical data.** Only these chargers are matched to the lithium-ion battery of your power tool.

**Note:** Lithium-ion rechargeable batteries are supplied partially charged according to international transport regulations. To ensure full rechargeable battery capacity, fully charge the rechargeable battery before using your tool for the first time.

### Inserting the Battery

Push the charged battery into the battery holder until it clicks into place.

### Removing the Battery

To remove the rechargeable battery, press the battery release button and pull the battery out. **Do not use force to do this.**

The rechargeable battery has two locking levels to prevent the battery from falling out if the battery release button is

pressed unintentionally. The rechargeable battery is held in place by a spring when fitted in the power tool.

### Battery charge indicator

Note: Not all battery types have a battery charge indicator. The green LEDs on the battery charge indicator indicate the state of charge of the battery. For safety reasons, it is only possible to check the state of charge when the power tool is not in operation.

Press the button for the battery charge indicator  or  to show the state of charge. This is also possible when the battery is removed.

If no LED lights up after pressing the button for the battery charge indicator, then the battery is defective and must be replaced.

### Rechargeable battery type GBA 18V... | GBA18V...



| LED                       | Capacity |
|---------------------------|----------|
| 3× continuous green light | 60–100 % |
| 2× continuous green light | 30–60 %  |
| 1× continuous green light | 5–30 %   |
| 1× flashing green light   | 0–5 %    |

### Battery model ProCORE18V... | EXPERT18V... | EXBA18V... | CORE18V...



| LED                        | Capacity |
|----------------------------|----------|
| 5 × continuous green light | 80–100 % |
| 4 × continuous green light | 60–80 %  |
| 3 × continuous green light | 40–60 %  |
| 2 × continuous green light | 20–40 %  |
| 1 × continuous green light | 5–20 %   |
| 1 × flashing green light   | 0–5 %    |

### Battery defect risk detection

#### EXPERT18V... | EXBA18V...

In addition to the state of charge of the rechargeable battery, the LEDs on the battery charge indicator can also indicate the risk of a battery defect.

To activate the function, press and hold the button for the battery charge indicator  for 3 seconds. The analysis of the battery is signalled by a moving light on the battery charge indicator. The result of is shown on the battery charge indicator.

 **1 LED:** The rechargeable battery has a high defect risk. Performance and runtime may already be reduced. Replacing the rechargeable battery is recommended.

 **5 LEDs:** The rechargeable battery is in good condition and has a low defect risk.

**Please note:** The rechargeable battery defect risk assessment works in a binary manner and offers a simplified status assessment, indicating either that the rechargeable battery is in good condition or that the rechargeable battery has an increased defect risk. A percentage of the battery status is not shown.

## Recommendations for Optimal Handling of the Battery

Protect the battery against moisture and water.

Only store the battery within a temperature range of -20 to 50 °C. Do not leave the battery in your car in the summer, for example.

Occasionally clean the ventilation slots on the battery using a soft brush that is clean and dry.

A significantly reduced operating time after charging indicates that the battery has deteriorated and must be replaced.

Follow the instructions on correct disposal.

## Assembly

► **Before carrying out any work on the power tool (e.g. maintenance, tool change etc.), remove the battery from the power tool.** There is risk of injury from unintentionally pressing the on/off switch.

### Inserting/Changing the Press Insert (see figures A-B)

Select the press insert set that matches the diameter and material of the connector.

You can find an overview of the **Bosch** press inserts according to the following standards at the end of these operating instructions:

- DIN6 Series: DIN standard, Material: Aluminium
- E6 Series: European standard (similar to DIN), Material: Copper
- NF6 Series: French standard, Material: Copper
- U6 Series: Italian standard, Material: Copper
- SF6 Series: North European standard, Material: Copper

Further information about the recommended **Bosch** press inserts can also be found at [www.bosch-pt.com](http://www.bosch-pt.com) or on a sticker in the power tool's XL-BOXX.

Ensure that the press inserts are clean and in perfect technical condition.

Press on the bottom end of the unlocking lever (1) on the press head in order to open the press head (3).

Push a press insert (2) into the side of both holders on the press head until you feel them click into place.

► **After inserting the press inserts, check whether they are both firmly locked in place.** This will ensure that the press inserts do not inadvertently come loose during operation.

To remove a press insert (2), press the release button (4) at the front or rear of the press head (3) and push the press insert sideways out of the press head.

## Operation

### Preparations for Pressing and Pressing Process

- **Only insert the rechargeable battery into the power tool just before starting the pressing process.** If, for example, you inadvertently press the on/off button (13) during the preparations for pressing, there is a risk of injury.
- **Never operate the power tool without inserting the press insert.** Otherwise, the power tool may become damaged.
- **In order to prevent the power tool from overheating, do not use the power tool in continuous operation for more than 15 minutes.** The power tool is not designed for continuous operation.

### Preparations for Pressing:

- Ensure that there is sufficient lighting at the place of use.
- You can turn the press head (3) in order to align it suitably with the insertion position.
- Open the press head (3) by pressing the unlocking lever (1). Position the press head at a right angle to the connector to be pressed. Ensure that there are no foreign objects between the press insert and the connector.
- Close the press head (3) and ensure that you hear the unlocking lever (1) click into place.

### Pressing Process:

- Insert the rechargeable battery into the power tool.
- To **switch on and start the pressing process**, press and hold the on/off button (13). The worklight (11) lights up.
- Once the maximum pressing force has been reached, the piston rod (5) will move back with the press insert and **the motor will switch off automatically**. Release the on/off button (13). The worklight will go out automatically after approx. 10 s.

### Manually Ending the Pressing Process:

- To end the pressing process prematurely, release the on/off button (13) during the pressing process. The pressing process stops.
- If the pressing process stops prematurely or the piston rod (5) does not move back automatically after the end of the pressing process, press the reset button (6). Hold the reset button down until the piston rod has moved back into the starting position.

Remove the battery from the power tool. Open the press head (3) by pressing the unlocking lever (1) and pull the power tool away from the connector.

If the status indicator (7) lights up green at the end of the pressing process, the maximum pressure has been reached. If the status indicator lights up red, check the pressing and, if necessary, repeat the processing process.

## Sleep Mode and Restart Protection

For safety reasons, the power tool will be put into **sleep mode** in the following cases:

- If more than 5 mins have passed since the battery was inserted or the tool has not been used for more than 5 mins after the last pressing process,

- If the on/off button (13) is pressed while the battery is being inserted (as **restart protection**).

In this case, briefly press the on/off button (13) once to activate the power tool. Then start the pressing process as usual.

## Status indicators

| Colour of the status indicator (7)                                     | Meaning   | Corrective measure  |
|--|---|---|
| <b>After Inserting the Battery/Waking the Tool up from Sleep Mode:</b> |   |   |
| Green (3 s)  | Power tool ready for use  | -   |
| Yellow (3 s)   | There are fewer than 1,000 work cycles remaining until the end of the maintenance interval.                 | Schedule maintenance with an authorised <b>Bosch</b> after-sales service centre.  |
| Red (3 s)  | Battery is too weak for pressing process  | Charge/change battery   |
|  | Battery and/or power tool outside the operating temperature range   | Allow the battery and the power tool to reach the correct temperature range   |
| <b>After Completion of the Pressing Process/During Operation:</b>      |   |   |
| Green (3 s)  | Pressing force target value reached, labour value OK  | -   |
| Yellow (continuous)  | Maintenance interval of 20,000 work cycles exceeded   | Send the power tool to an authorised <b>Bosch</b> after-sales service centre for maintenance.   |
| Red (3 s)  | Pressing force not reached, internal power tool error or power tool outside the operating temperature range | <ol style="list-style-type: none"> <li>1. Restart the pressing process</li> <li>2. Remove and reinsert the battery</li> <li>3. Allow the power tool to reach the correct temperature range</li> <li>4. If these measures do not help, contact an authorised <b>Bosch</b> after-sales service centre.</li> </ol> |

The specific error messages can also be accessed via the **Bosch** Read-Out Software.

## Reading Out Work Results with the Bosch Read-Out Software

The power tool saves data such as pressure and working time for each work process. To read out this data, you need the **Bosch** Read-Out Software, which you can download free of charge from [www.bosch-professional.com](http://www.bosch-professional.com). Install the software and follow the installation instructions. In the software, you can also see how many work cycles are still outstanding until the next maintenance interval.

To transfer log entries, open the flap for the USB port (8) and connect the power tool with your PC via a USB Type-C® cable. A rechargeable battery must be inserted into the power tool to access the log entries.

**from the power tool.** There is risk of injury from unintentionally pressing the on/off switch.

### ► To ensure safe and efficient operation, always keep the power tool and the ventilation slots clean.

Keep the power tool dry. Only wipe off any dirt using a damp cloth.

Only store and transport the power tool in the XL-BOXX.

To ensure that the power tool is operating safely for as long as possible, the power tool requires maintenance after **20000** work cycles, or after **4** years at the latest. Once **20000** work cycles have been exceeded, the status indicator (7) will light up yellow continuously.

Send the power tool to an authorised **Bosch** after-sales service centre for maintenance.

**Note:** If the maintenance interval is not observed, the warranty will be void.

## After-Sales Service and Application Service

### Great Britain

Tel. Service: (0344) 7360109

### GB Importer:

Robert Bosch Ltd.  
Broadwater Park

## Maintenance and Service

### Maintenance and Cleaning

- Before carrying out any work on the power tool (e.g. maintenance, tool change etc.), remove the battery

North Orbital Road  
Uxbridge  
UB9 5HJ

In all correspondence and spare parts orders, please always include the 10-digit article number given on the nameplate of the product.

## Disposal

The power tools, batteries, accessories and packaging should be recycled in an environmentally friendly manner.

The power tool contains oils and greases. Dispose of the power tool in accordance with the applicable laws and regulations.



Do not dispose of power tools and batteries/rechargeable batteries into household waste!

### Only for EU countries and United Kingdom:

Electrical and electronic equipment or used batteries that are no longer suitable for use must be collected separately and disposed of in an environmentally friendly manner. Use the designated collection systems. Incorrect disposal may cause harmful effects on the environment and human health, due to the potential presence of hazardous substances.

The integrated coin cell may only be removed for disposal by qualified personnel.



| mm <sup>2</sup> | DIN6 Series |          | E6 Series     |                       |
|-----------------|-------------|----------|---------------|-----------------------|
| 6               | -           | -        | -             | E6 CU 2 608 001 122   |
| 10              | DIN K10 AL  | Index 10 | 2 608 001 135 | E10 CU 2 608 001 123  |
| 16              | DIN K12 AL  | Index 12 | 2 608 001 136 | E16 CU 2 608 001 124  |
| 25              | DIN K12 AL  | Index 12 | 2 608 001 136 | E25 CU 2 608 001 125  |
| 35              | DIN K14 AL  | Index 14 | 2 608 001 137 | E35 CU 2 608 001 126  |
| 50              | DIN K16 AL  | Index 16 | 2 608 001 138 | E50 CU 2 608 001 127  |
| 70              | DIN K18 AL  | Index 18 | 2 608 001 139 | E70 CU 2 608 001 128  |
| 95              | DIN K22 AL  | Index 22 | 2 608 001 140 | E95 CU 2 608 001 129  |
| 120             | DIN K22 AL  | Index 22 | 2 608 001 140 | E120 CU 2 608 001 130 |
| 150             | DIN K25 AL  | Index 25 | 2 608 001 141 | E150 CU 2 608 001 131 |
| 185             | DIN K28 AL  | Index 28 | 2 608 001 142 | E185 CU 2 608 001 132 |
| 240             | DIN K32 AL  | Index 32 | 2 608 001 143 | E240 CU 2 608 001 133 |
| 300             | DIN K34 AL  | Index 34 | 2 608 001 144 | E300 CU 2 608 001 134 |

| mm <sup>2</sup> | NF6 Series |               | U6 Series |               | SF6 Series |               |
|-----------------|------------|---------------|-----------|---------------|------------|---------------|
| 10              | NF10 CU    | 2 608 001 172 | U10 CU    | 2 608 001 145 | SF10 CU    | 2 608 001 185 |
| 16              | NF16 CU    | 2 608 001 173 | U16 CU    | 2 608 001 146 | SF16 CU    | 2 608 001 186 |
| 25              | NF25 CU    | 2 608 001 174 | U25 CU    | 2 608 001 147 | SF25 CU    | 2 608 001 187 |
| 35              | NF35 CU    | 2 608 001 175 | U35 CU    | 2 608 001 148 | SF35 CU    | 2 608 001 188 |
| 50              | NF50 CU    | 2 608 001 176 | U50 CU    | 2 608 001 149 | SF50 CU    | 2 608 001 189 |
| 70              | NF70 CU    | 2 608 001 177 | U70 CU    | 2 608 001 150 | SF70 CU    | 2 608 001 190 |
| 95              | NF95 CU    | 2 608 001 178 | U95 CU    | 2 608 001 151 | SF95 CU    | 2 608 001 191 |
| 120             | NF120 CU   | 2 608 001 179 | U120 CU   | 2 608 001 152 | SF120 CU   | 2 608 001 192 |
| 150             | NF150 CU   | 2 608 001 180 | U150 CU   | 2 608 001 153 | SF150 CU   | 2 608 001 193 |
| 185             | NF185 CU   | 2 608 001 181 | U185 CU   | 2 608 001 154 | SF185 CU   | 2 608 001 194 |
| 240             | NF240 CU   | 2 608 001 182 | U240 CU   | 2 608 001 155 | SF240 CU   | 2 608 001 195 |
| 300             | NF300 CU   | 2 608 001 183 | U300 CU   | 2 608 001 156 | -          | -             |

# Legal Information and Licenses

## Apache-2.0

### cmsis\_device\_g0, v1.4.3

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